

Product Specifications

Premier Series Municipal Quality Classic Turn of the Century posts and bases

Brand:	<u>Premier Washington</u>
Stock Number:	8532 - 12', 8632 - 14' overall height
Base Diameter:	17"
Height:	12' OR 14'
Mount Style:	Surface
Luminair Dims:	16" Diameter x 30" Height
Post Material:	Core Cast Aluminum
Globe Material:	Standard: Opaque Lexan Polycarbonate
Lighting:	Standard: Incandescent
Optional:	(HID) HPS - High pressure sodium, (MH) Metal Halide

Installation Instructions

Lights are to be installed onto a cement pad the depth of your local frost line. The base pad should be poured cylindrically with a width of not less than 2" larger than diameter of base. 1/2" x 12" to 18" L-Shape bolts are necessary for installation (not provided, may obtain at your local hardware store) secure four (4) of these bolts, according to the template provided. Electrical conduit containing the main electrical wire should protrude through the center of this cement pad. Connect the base of the light to the cement pad using nuts, and connect the main electrical wire to the leads extending down from the socket assembly (standard) or the ballast/socket assembly (optional). Assembly is now complete.

Additional Information

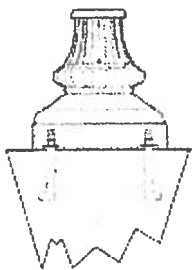
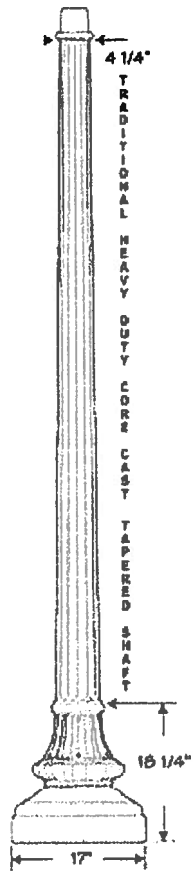
Mel Northey lights run on standard household current of 120v, unless otherwise specified.

Extended Product Description

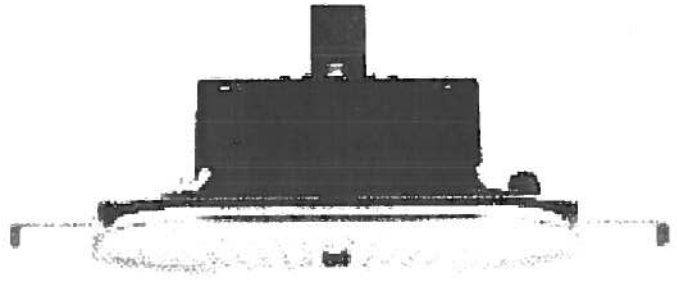
Core Casting allows for extra strength and durability with Concise Detailing



Diagrams



Osram Sylvania Generation 2 Post-Top Street Light Retrofit Kit



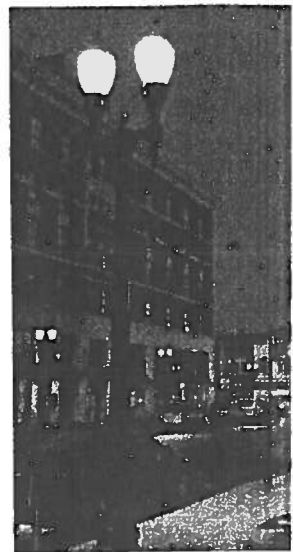
The Generation 2 Post- Top Street Light LED Retrofit Kit from Sylvania replaces up to 175-watt high intensity discharge (HID) lamps in street light fixtures. By taking advantage of the directional light distribution of high power white LED's, this system delivers light only where needed, minimizing light trespass in applications.

The adoption of LEDs for street lighting is growing across the US as more learn about the benefits of LEDs as viable solution for their outdoor lighting needs. The Post-Top Street Light LED Retrofit Kit is a well suited solution for communities that wish to convert their existing street lights to an environmentally preferable technology that offers substantial energy and maintenance cost savings, as well as dramatic improvements in light quality. It is suitable for post top fixtures with less than 20 feet pole height, including acorn, pendant and shoebox fixtures, large garage lights and large wall packs. It is mercury-free, lead-free and eliminates service calls for cycling the HID lamps. Applications for the system include residential walkways, roadways, downtown areas, college and business park campuses, public parks and parking lots.

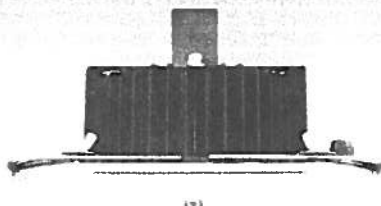
The Post-Top Street Light LED Retrofit Kit consumes only 40 W and reduces street light consumption up to 85 percent when compared to HID lamps, lasting two to six times longer. The system incorporates ~~60 Golden~~ Dragon Plus LEDs from Osram Opto Semiconductors to deliver 5,000 K, 80 CRI and 5,700 K, 65 CRI white light. The system has a 50,000 hour lifetime at 70 percent lumen maintenance has a maximum mean fixture ambient temperature =104°F (40°C) and is available with both Type III and Type V distributions.

The system uses the UL1310 recognized Class 2 Optotronic power supply and features 120 V AC to 277 V AC input voltage at 60 Hz with the surge protection.

The Sylvania Gen2 Post Top Street light LED Retrofit Kit is warranted for five years of street & area lighting applications with an average usage of 12 hours per day, 365 days per year. The warranty covers LED light module and power supply. For more information call Mel Northey Co a 1-800-828-0302.



Post Top LED Retrofit Kit



Post Top Area Light (D11 Area Light Retrofit Kit) from SYLVANIA is an alternative to high-intensity discharge (HID) lamps up to 175W at pole heights up to 20 feet. By taking advantage of the directional light distribution of high power white LEDs, this revolutionary system delivers light only where needed, minimizing light trespass. It is an ideal solution for communities that wish to convert their existing lighting systems to an environmentally friendly technology that offers substantial energy and maintenance cost savings as well as dramatic improvements in light quality. It is mercury-free, lead-free, and eliminates service calls for cycling HID lamps.

For purposes of ARRA, this product is made in the US.

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation. For FCC Part 15 user information, please see www.sylvania.com/fcc15b.

Applications

- College and business park campuses
- Historic restorations and downtown business districts
- Parking lots and garages
- Public parks
- Residential roadways, walkways and bikeways
- Shopping centers, malls and plazas

- Reduces street light energy consumption up to 77%
- Provides significant maintenance cost savings by lasting 2-6 times longer than HID lamps
- Reduces light pollution by eliminating upward light emission
- UL1598 Classified and IP44 rated
- 120 – 277V AC input voltage at 60Hz with surge protection
- Type-III Medium and Type-V Short light distribution
- 5200K CCT, CRI 68, 5700K CCT, CRI 65 and 4900K CCT, CRI 80
- Average rated life of 50,000 hours with 70% lumen maintenance
- Incorporates 60 Golden DRAGON Plus LEDs from OSRAM Opto Semiconductors
- UL1310 Recognized Class 2 OPTOTRONIC® power supply



Item Number	Ordering Abbreviation	Wattage (W)	Voltage	Light Distribution
78532	LED40POST/652/T3M/D11/1G	40	120-277	Type-III Medium
78599	LED40POST/849/T3M/D11/1G	40	120-277	Type-III Medium
78606	LED40POST/657/T5S/D11/1G	40	120-277	Type-V Short
78607	LED40POST/849/T5S/D11/1G	40	120-277	Type-V Short



Type-III



Type-V

Application Notes

1. To prevent personal injury or product damage only licensed electricians should provide all installation services.
2. Please read installation manual before attempting installation.
3. To avoid electric shock or component damage disconnect power before attempting installation or servicing.
4. Installation must be structurally sound as to prevent damage or personal injury due to fixture collapse.
5. Any alteration or modification of this product is expressly forbidden as it may cause serious personal injury, death, property damage and/or product malfunction.

Specification Data

Catalog #
Project
Comments
Prepared by

Type

Date

Item Number	Ordering Abbreviation	Wattage (W)	Input Voltage (VAC)	Power Factor ¹	Efficacy (lm/W) ²	Average Rated Life (hrs.) ³	Typical Lumens (lm) ⁴	CCT ⁵	CRI	Temperature ⁶	BUG Rating ⁷
78532	LED40POST/652/T3M/D11/1G	40	120-277	0.9	70	50,000	2800	5200K	68	-30°C to 40°C	B1 U2 G1
78599	LED40POST/849/T3M/D11/1G	40	120-277	0.9	67	50,000	2685	4900K	80	-30°C to 40°C	B1 U2 G1
78606	LED40POST/657/T5S/D11/1G	40	120-277	0.9	92	50,000	3661	5700K	65	-30°C to 40°C	B2 U2 G1
78607	LED40POST/849/T5S/D11/1G	40	120-277	0.9	80	50,000	3200	4900K	80	-30°C to 40°C	B2 U2 G1

1. Power factor at nominal AC supply voltage.
2. Thermally stable typical initial efficacy ($\pm 10\%$).
3. Hours lifetime with 70% lumen maintenance. Based on operation temperature at 40°C.
4. Thermally stable typical lumens ($\pm 10\%$).
5. Thermally stable typical CCT ($\pm 10\%$).
6. Operating temperature refers to temperature of ambient air outside fixture.
7. BUG rating characteristics measured on retrofit module; final rating performance dependent upon fixture.

LED	40	POST	/	652	/	T3M	/	D11	/	1G
LED Lamps and Retrofits	Wattage: 40W	Fixture Type: Post Top		CRI, CCT: 652: 68 CRI, 5200K CCT		Light Distribution: T3M: Type-III medium		Diameter: 11 inches		Generation: 1G: First

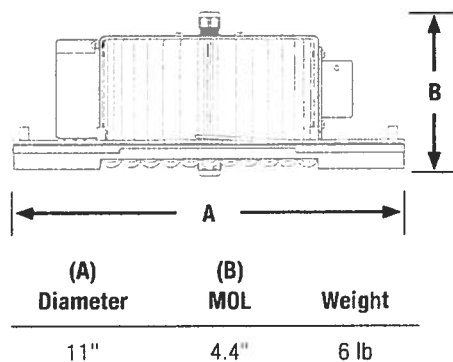
Item Number	Ordering Abbreviation	Power Supply IP Rating
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51530-2

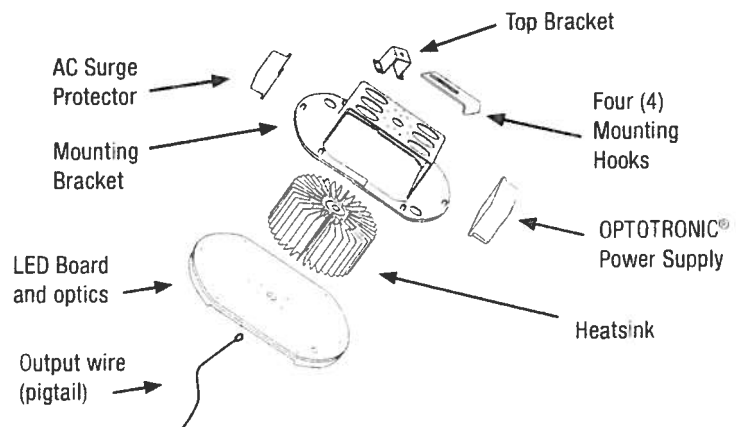
OT40/UNV/1110E*

IP66

* Constant current power supply (1.11A). UL1310 and UL48 recognized for US & Canada. Class 2 unit

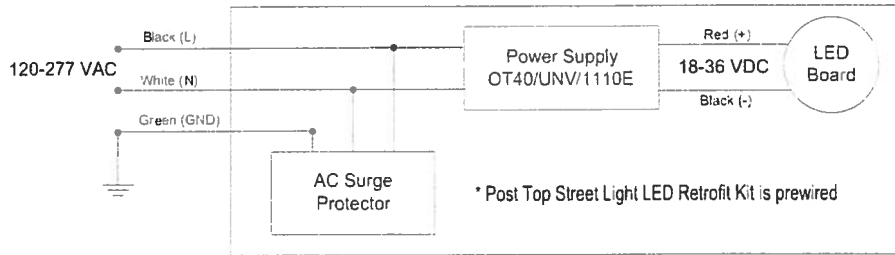


Post Top Street Light LED is pre-assembled

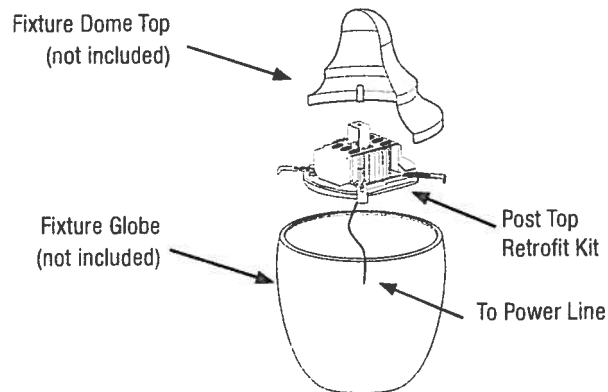


Notes:

1. AC surge protector, OPTOTRONIC® power supply and LED Module are prewired in Post Top Street Light LED Retrofit Kit
2. Post Top Street Light LED Retrofit Kit output wire: 18 AWG in pigtail (4 feet)

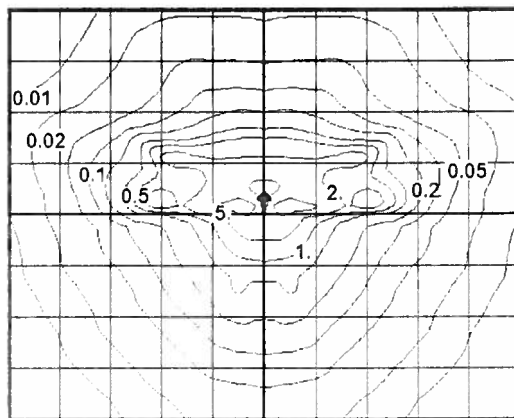


Refer to Installation Manual
for mounting instructions



Illuminance Diagram

(Without fixture globe)

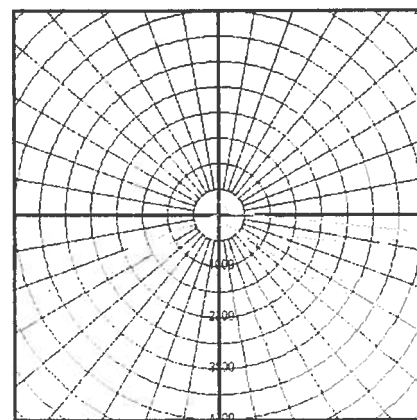


Illuminance in footcandles

Mounting Height = 10'. Each box is one mounting height.
Type III, Medium, 5700K CCT
(Distribution might change when fixture globe is present)

Luminous Intensity Distribution

(Without fixture globe)

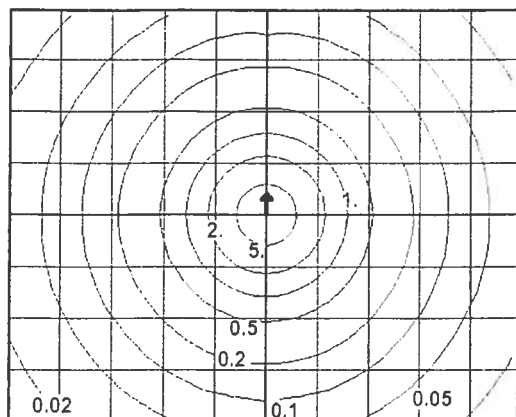


Intensity in candelas

Max. plane at H = 60 Max cone at V = 66
Max. candlepower = 3700
(Distribution might change when fixture globe is present)

Illuminance Diagram

(Without fixture globe)

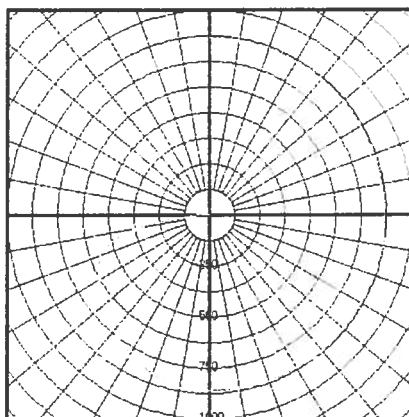


Illuminance in footcandles

Mounting Height = 10'. Each box is one mounting height.
 Type-V Short, 5700K CCT
 (Distribution might change when fixture globe is present)

Luminous Intensity Distribution

(Without fixture globe)



Intensity in candelas

Max. plane at H = 80 Max cone at V = 3
 Max. candlepower = 870
 (Distribution might change when fixture globe is present)

Refer to OSI Post Top LED Retrofit Kit
 Statement of Limited Warranty.

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